## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	(("4648712") or ("4636080") or ("4207002") or ("4893929") or ("3947129") or ("5615014") or ("4129384")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/03/29 13:42
S2	503	(356/600,609,624).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/03/29 14:29
S3	27	("3813169"   "4037969"   "4188122"   "4207002"   "4326805"   "4341472"   "4350443"   "4398824"   "4531060").PN. OR ("4636080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 13:50
S4	4	S2 and ((determ\$3 or measur\$3 or calculat\$3) near2 (position\$1 or displace\$5) same (actuator\$1 or servo\$1motor) same (lens\$2))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 14:29
S5	8	S3 and ((determ\$3 or measur\$3 or calculat\$3) near (position\$1 or displace\$5))	US-PGPUB; USPAT; USOCR	OR	ON .	2006/03/29 14:03
S6	1	S1 and ((determ\$3 or measur\$3 or calculat\$3) near (position\$1 or displace\$5))	US-PGPUB; USPAT; USOCR	OR '	ON	2006/03/29 14:03
<b>S7</b>	658	(356/614).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF .	2006/03/29 14:29
S8	0	S7 and ((determ\$3 or measur\$3 or calculat\$3) near2 (position\$1 or displace\$5) same (actuator\$1 or servo\$1motor) same (lens\$2) same (diaphragm\$1 or aperture\$1stop))	US-PGPUB; USPAT; USOCR	OR .	ON .	2006/03/29 14:36
S9	. 0	S7 and ((determ\$3 or measur\$3 or calculat\$3) near2 (position\$1 or displace\$5) same (actuator\$1 or servo\$1motor) same (lens\$2) same (diaphragm\$1))	US-PGPUB; USPAT; USOCR	OR	ON .	2006/03/29 14:34
S10	. 1	S7 and ((determ\$3 or measur\$3 or calculat\$3) near2 (position\$1 or displace\$5) same (actuator\$1 or servo\$1motor) same (lens\$2))	US-PGPUB; USPAT; USOCR	OR _	ON	2006/03/29 14:33
S11	. 2	S7 and ((determ\$3 or measur\$3 or calculat\$3) near2 (position\$1 or displace\$5) same (lens\$2) same (diaphragm\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 14:35

## **EAST Search History**

S12	50	S2 and (diaphragm\$1 or	US-PGPUB;	OR	ON	2006/02/20 15:25
312	50	aperture\$1stop)	USPAT; USOCR	OK	ON	2006/03/29 15:25
S13	0	S4 and S12	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 14:37
S14	0	S5 and S12	US-PGPUB; USPAT; USOCR	OR	ON.	2006/03/29 14:37
S15	13	S12 and (lens\$2 same (scan\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 10:49
S16	503	(356/600,609,624).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/03/30 10:49
S17	50	S16 and (diaphragm\$1 or aperture\$1stop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 11:35
S18	14	S17 and (portion\$s)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 10:49
S19	24678	voice near coil	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 12:34
S20	1558	S19 same lens	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 12:44
S21	605	S20 same objective	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 12:34
S22	3	S21 same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 12:34
S26	4	S19 and (servo near motor same (cantilever))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 12:49
S27	740	S19 and (cantilever)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:22

## **EAST Search History**

S28	28	S21 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO	OR ·	ON	2006/03/30 13:21
S29 .	2	("0256693").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/03/30 13:08
S30	1	S28 and (image near pick\$1up)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR .	ON	2006/03/30 13:24
S31	19	S28 and (pick\$1up)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 13:59
S32	355	(angle near2 display same (monitor))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 14:00
S33	0	S27 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 14:00
S34		S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 14:00
S35	2	S19 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 14:01